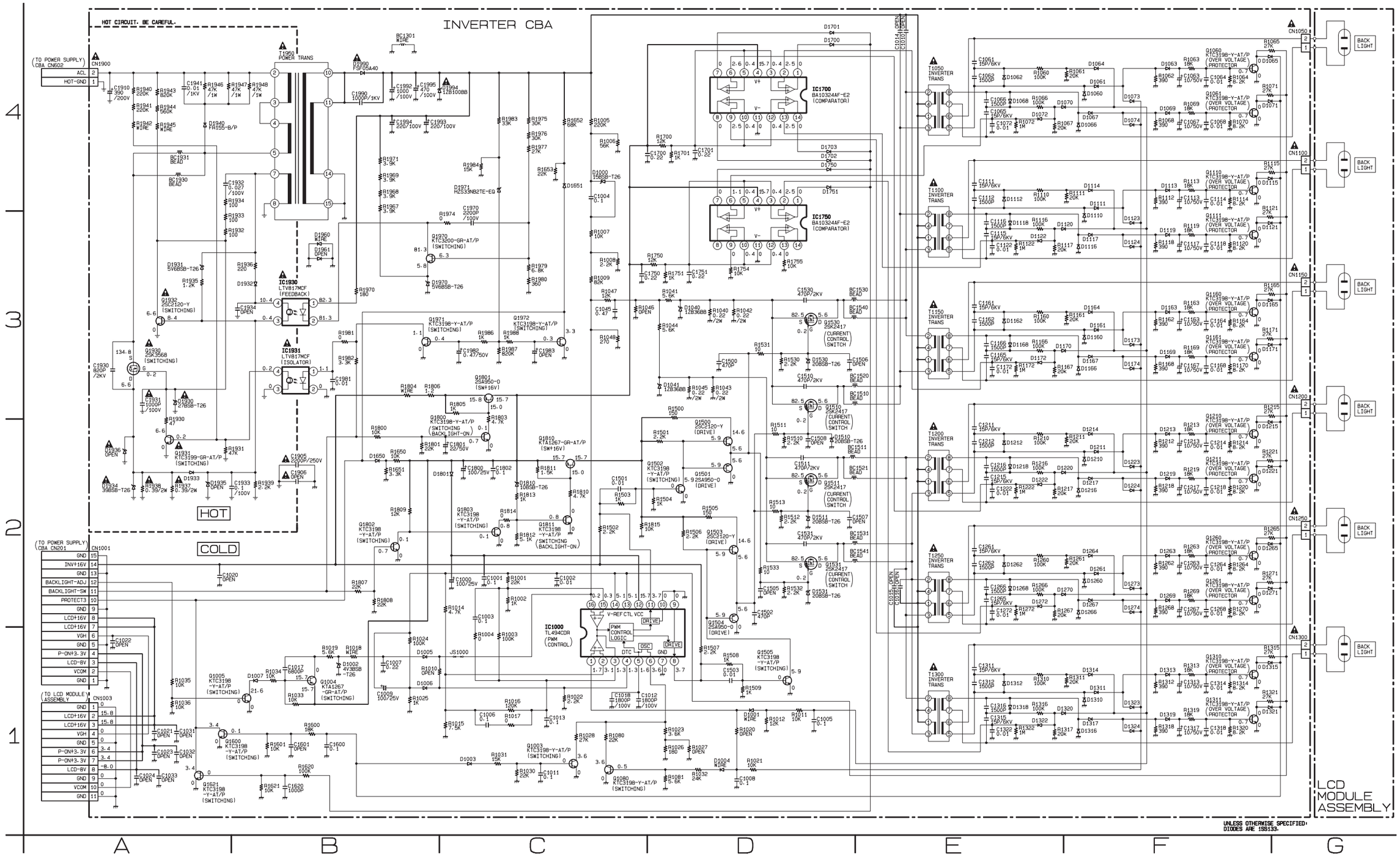NOTE:
The voltage for parts in hot circuit is measured using hot GND as a common terminal.